Model 6275 KWIKSTART
(12 Volt DC Portable Power Source)
USER'S MANUAL

This unit has a sealed lead acid battery that should be kept at full charge. Recharge when first received, immediately after each use, and every three months if not used (this charger contains a smart circuit which allows it to be left on charge continuously without damage). Failure to do this may cause the battery life to be reduced greatly.

SPECIFICATIONS
Voltage: 12 VDC
Peak-Amp power: 12V-3400A
12V output and charging protected socket
Battery type: 2-12V/22AH 360CCA (12V 720 CCA)
Internal Charger: 12V / 1000mA
Booster cables: 2AWG with insulated clamps
Automatic charging circuit
Charging and Charged LED indicators
Multiple LED power level indicators

IMPORTANT SAFETY INSTRUCTIONS

1. **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions.

Contains sealed, non-spillable lead acid battery. Must be disposed of properly.

2. **WARNING** – **RISK OF EXPLOSIVE GASES.**
   a. Working in the vicinity of a lead acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason, it is of utmost importance that when using the KWIKSTART, you read this manual and follow the instructions exactly.
   b. To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of battery. Review cautionary marking on these products and on engine.

3. **PERSONAL PRECAUTIONS**
   a. Someone should be within range of your voice or close enough to come to your aid when you work near a lead-acid battery.
   b. Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
   c. Wear complete eye protection, and clothing protection. Avoid touching eyes while working near battery.
   d. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eyes, immediately flood eyes with running cold water for at least 10 minutes and get medical attention immediately.
   e. NEVER smoke or allow a spark or flame in vicinity of battery or engine.
   f. Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short circuit battery or other electrical part that may cause explosion.
   g. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a lead-acid battery. A lead-acid battery can produce a short circuit current high enough to weld a ring or the like to metal, causing a severe burn.
   h. Use this KWIKSTART for charging or boosting a LEAD-ACID battery only. Do not use for charging dry-cell batteries that are commonly used with home appliances. These batteries may burst and cause injury to persons and damage to property.
   i. NEVER charge a frozen battery.
   j. NEVER allow clamps to touch together or contact the same piece of metal to prevent arcing.

4. **IMPORTANT SAFETY INSTRUCTIONS**
   a. Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
   b. When using the internal charger or DC power extension cord, pull on the plug and NEVER ON THE WIRE when disconnecting.
   c. Do not recharge the KWIKSTART with a damaged charger or DC power extension cord. Replace them immediately.
   d. The KWIKSTART may be used under any weather condition; rain, snow, hot, or cold temperatures.
   e. Do not submerge in water.
   f. Do not operate with flammables such as gasoline etc…
   g. If the KWIKSTART receives a sharp blow or is otherwise damaged, in any way, have it checked by a qualified service person. If the KWIKSTART is leaking battery acid do not ship it. Take it to the closest battery recycler in your area.
   h. Do not disassemble the KWIKSTART. Have it checked by a qualified service person.

The KWIKSTART should never be left in a total discharged state for any period of time. Damage to the battery could be permanent with poor performance as a result. When not in use, leave the KWIKSTART's internal charger connected to AC power or recharge every three (3) months.

Consumer: Retain these instructions for future use. Read all instructions carefully before using this *KWIKSTART* (Portable Power Source).

FEATURES

1. Provides plenty of power for starting vehicles. More than enough to start most vehicles. May also be used in DEEP CYCLE applications.
2. The KWIKSTART will power most 12 VDC accessories equipped with a male cigar lighter plug. The DC outlet has automatic overload protection.
3. Test switch and Multiple LED power level indicators. State of the art charging circuit.
4. ON/OFF switch. When in the OFF position, no voltage will be present at the clamps, reducing the chance of arcing.

INFORMATION TO USER

Changes or modifications by the user, that are not expressly approved by the party responsible for radio frequency emmission levels from the KWIKSTART, could cause an undesirable amount of radio frequency energy to be emitted. Such action could void the user's authority to use the KWIKSTART.

SAFETY FEATURES

1. Selector switch prevents accidental sparking of clamps.
2. Cable bracket hold the cables for clean storage. (No unsightly dangling wires).
3. The KWIKSTART contains the latest technology with its 2 -12 volt sealed non-spillable batteries. The KWIKSTART may be stored in any position.

RECHARGING PROCEDURES

When new, your KWIKSTART should be charged for a minimum of 30 hours, unless the green High power level LED lights when the test button is pressed. (See Figure 2)

Figure 2.
ON/OFF switch, test button, power level LED's, internal charger plug

NOTE: There are two ways to recharge the KWIKSTART. The first method is automatic charging with the internal charger (preferred). The second is through the DC power jack through the DC power extension cord. The second method is not automatic and requires watching because the KWIKSTART could be damaged due to overcharging.

1. **USING THE INTERNAL CHARGER:** The KWIKSTART is automatically charged using the internal charger. A two pin male plug on the KWIKSTART's control panel is connected through a smart circuit board to the KWIKSTART making recharging automatic. Recharging takes approximately 24 hours. Overcharging is not a problem when using the internal charger. The KWIKSTART's internal charger can be left connected to an AC power source indefinitely.
   a. Turn the ON/OFF switch to OFF.
   b. Connect an extension cord to the KWIKSTART's male plug.
   c. Plug the extension cord into a correctly wired AC receptacle (the red CHARGING LED will light).
   d. The battery will be fully charged when the red LED goes off and the green CHARGED LED comes on.
   e. If you are not going to need the KWIKSTART right away you may leave the KWIKSTART's internal charger connected to the AC power source. We recommend that the KWIKSTART's internal charger remain connected to an AC power source whenever the KWIKSTART is not in use.

2. **USING THE DC POWER EXTENSION CORD.** Plug one end of the power extension cord into the KWIKSTART power receptacle and the other end into a vehicle's lighter outlet (vehicle's engine should be running first). Turn the ON/OFF switch to ON. Push the test button **once every hour** to check the power level. When the High power level LED lights the battery is charged. DO NOT OVERCHARGE! This is not an automatic method of charging the KWIKSTART. Overcharging will damage your KWIKSTART.

OPERATING INSTRUCTIONS

USED AS A BATTERY CHARGER

The KWIKSTART is intended, primarily, to be used to start or restart a vehicle when the battery in the vehicle has become run down to the point that it will not start the vehicle without assistance. However, the KWIKSTART can also be used to restore some charge to the vehicle battery.

1. Plug the power extension cord from the KWIKSTART into the vehicle's cigar lighter outlet for 30 minutes.

NOTE: Some vehicle's ignition keys must be turned to accessory to activate the cigar light socket.

2. Remove the power extension cord and start the car.

NOTE: A defective battery may refuse to accept a charge from the KWIKSTART.

USED AS AN EMERGENCY JUMP STARTER

NOTE: For optimum performance, do not store below 50°F when using as a jump starter.

1. Turn ignition off before making cable connections.
2. Use in a well ventilated area.
3. SHIELD EYES.
4. Clamp the positive (red +) clamp to the positive terminal on the weak battery (for negative ground system).
5. Clamp the negative (black –) clamp to the vehicle frame (ground). Make sure the cables are not in the path of moving belts or fan.
6. Switch the ON/OFF switch to the ON.
7. Stay clear of batteries while jump starting.
8. Start the vehicle (turn on the vehicle ignition).

NOTE: If the vehicle does not start within 6 seconds, let the KWIKSTART internal battery cool for 3 minutes before attempting to start the vehicle again or damage to the KWIKSTART may occur.

9. When the vehicle is started, turn the selector switch to the OFF position.
10. Disconnect the negative (-) battery clamp from the vehicle frame.
11. Disconnect the positive (+) clamp.
12. Return jumper cables to their stored position.
13. Recharge at earliest convenience.

USED AS AN ALTERNATIVE POWER SUPPLY FOR VEHICLES

The KWIKSTART is an essential tool for all who replace automobile batteries. Most vehicles have some type of electronic component with memory, such as alarm systems, computers, radios, phones, etc… and when the vehicle's battery is replaced, memory is lost. However, if the power extension cord is plugged from the KWIKSTART to the cigar lighter outlet on the vehicle, the memories can be saved.

NOTE: Some vehicles may require the KWIKSTART to be connected to the vehicle's OBD2 connector to save all memory functions. The **MS6209** memory saver may be purchased separately for these applications.

MULTI PURPOSE POWER SUPPLY

The KWIKSTART is also a portable power supply for all 12 VDC accessories equipped with a male cigar lighter plug. The DC outlet has automatic overload protection.

For maximum battery life do not discharge below 11V.

When the KWIKSTART is used with an inverter, it can operate appliances normally powered by 120 VAC.

Recommended inverter for the KWIKSTART is 300 watts maximum. For more information contact your nearest KWIKSTART dealer.

The most important item to insure a long life from your KWIKSTART is to keep the battery fully charged. Charge after every use. Charge every 3 months

!!! IMPORTANT !!!

BATTERY REMOVAL AND DISPOSAL

Contains sealed, non-spillable lead acid battery. Must be disposed of properly.

The battery inside this KWIKSTART is a sealed lead-acid battery. **By LAW,** it is required to be removed and recycled or disposed of properly**.** While there are regulations that must be followed throughout the country, your local governments may have additional regulations to be followed in your area.
When the battery in this product is in need of replacement, remove it according to the instructions provided below and take it to your local recycling center for proper recycling or disposal. If you don't have a local recycling center that handles sealed lead-acid batteries, contact your local environmental agency for instructions.

BATTERY REMOVAL INSTRUCTIONS

Begin by making sure that both booster clamps are securely stowed in their storage holders on each side of the KWIKSTART.

1. Lay the KWIKSTART down on its front. On the back of the unit, locate the 10 screws that hold the enclosure together.
2. Remove the 10 screws, and then lift off the back half of the enclosure.
3. On the top of the batteries are two terminals, each with wires connected to them. Disconnect these wires from the battery by removing the bolts that hold them to the battery terminals. **TO PREVENT ACCIDENTAL ARCING,** be careful no to touch both battery terminals with the tools being used to remove the bolts.
4. Lift the battery out of the front half of the enclosure.
5. To install a new battery, reverse the above procedure.

NOTE: Remember that the red wires connect to the positive (+) battery terminal and the black wires connect to the negative (-) battery terminal.

LIMITED WARRANTY

Associated Equipment Corporation provides a conditional, limited warranty to the original user or consumer purchaser for the KWIKSTART, warranting it to be free from defects in material and workmanship for a period of one year from the date of sale to the original user or consumer purchaser. If your KWIKSTART malfunctions or fails within the first 30 days of the warranty period because of a defect in material or workmanship, we may replace it. If your KWIKSTART malfunctions or fails within the 12-month warranty period because of a defect in material or workmanship, we will repair it without charge.

This warranty does not apply to the battery. All battery replacements will be at the sole discretion of Associated Equipment Corporation, and subject to visual and internal inspection. Any battery replacement will be on a prorated, escalating cost basis to the purchaser, prorated monthly for a 12 month period from the date of purchase (with proof of purchase) or date of manufacturer (without proof of purchase), and increasing in 1/12th increments monthly up to the retail battery price set by the Associated Equipment Corporation. Batteries returned with melted terminals, or subjected to overcharging or misuse, will not be covered under warranty.

EXCEPT FOR THIS LIMITED WARRANTY, ASSOCIATED EQUIPMENT CORPORATION HAS NOT MADE AND SPECIFICALLY DISCLAIMS ANY WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, DIRECT OR INDIRECT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, AND ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED, CONDITIONAL WARRANTY PROVIDES THE EXCLUSIVE REMEDY FOR ANY CLAIM OR DAMAGE EXCEPT AS OTHERWISE REQUIRED BY LAW.

This warranty excludes and does not cover defects or failures of your KWIKSTART due to any cause other than defects in material or workmanship, including without limitation any malfunctions or failures caused by repairs made by an unauthorized person, mishandling, modifications, normal wear, unreasonable use or damage.

IN NO EVENT SHALL ASSOCIATED EQUIPMENT CORPORATION BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Any claim relating to the KWIKSTART must be brought within one year and must be brought in Missouri. Missouri law shall govern all claims.

If any portion of this warranty or limitation of rights and remedies is found to be unenforceable, then the remainder of this document shall remain in full force and effect.

To Obtain Warranty & Non-Warranty Service

DO NOT RETURN THE KWIKSTART TO THE STORE WHERE PURCHASED.

To obtain service:

1. Return your KWIKSTART prepaid (all postage, transportation and freight charges to and from Associated Equipment Corporation are the responsibility of the customer) in its original box (including the internal battery), with the original sales receipt (or other proof of purchase date). Also include your name, mailing address, name of store where the product was purchased and the daytime phone number you can be reached to:

   ASSOCIATED EQUIPMENT CORPORATION
   ATTN: REPAIR DEPT.
   5043 FARLIN AVENUE
   ST. LOUIS, MO 63115

2. Associated Equipment Corporation will repair your KWIKSTART. If the battery needs to be replaced, a technical service representative will call you to advise of the prorated cost of the replacement battery. Associated Equipment Corporation will repair and return your KWIKSTART freight prepaid if the product is covered under warranty.

   If you have questions the Technical Service Department can be reached Monday through Friday 7am to 3:30pm Central time.
   Tel. (314) 679-2544
   Email: techservice@associatedequip.com

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